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N^o 17,249



A.D. 1907

Complete

Date of Application, 27th July, 1907

Complete Specification Left, 14th Oct., 1907—Accepted, 20th Feb., 1908

PROVISIONAL SPECIFICATION.

"Improvements in Ladies' Body Belts and Absorbent Towel Devices or the like."

I, WILLIAM ISAAC WOLF, of 87, Bedford Street, South, Liverpool, County of Lancaster, Wholesale Clothier, do hereby declare the nature of my invention to be as follows:—

This invention has for its object an article to be used as a ladies belt and diaper for absorbing the discharges at certain periods usual to women is substantially as follows:—

In carrying the invention into effect, I provide a belt which can be worn to the person by passing round the body at the waist or below the waist and be fastened by buttons or otherwise. The belt at the sides is provided with elastic strips or webs for securing resilience, and at the front and back has depending parts provided with elastic web pieces also for the same purpose. Each depending piece has means whereby the ends of an absorbent towel or pad can be attached. It consists of a flap piece secured to one edge to the depending part, and at the other edge by a buckle thereto, so as to hold a buckle which may consist of a pair of semicircular links hinged together. These links are of the same semicircular shape, and one of them has a cross bar, while the second has no cross bar. The first is hinged by eyes onto the cross bar of the other one. Then by passing one end of the absorbent towel or pad under the buckle, then over one buckle and under the other, and pulling tight, a fast connection is made. Should it be desired to shorten the towel or pad, a slight pull at its end will bring it to the required length, while it is held firm against any tension the reverse is true unless released by opening the buckle. When it is desired to wash the towel or the buckles can be removed, all that is necessary being to unbutton the depending parts and the buckles are at once released. The absorbent towel or pad is made of any material ordinarily used or capable of being used for this kind of goods. It can be woven of various degrees of open texture, and of any desirable form, and can be of plain cloth, flannel, or the like. It can also be treated with antiseptics or otherwise as desired. It is made in the form of a pocket, the mouth of the pocket being at one end or edge for part of its length. The pocket is supplied or filled with an absorbent or piece of waterproof sheeting or any like material, to prevent the discharge from soaking through and staining the outer garments of the wearer. The pocketed towel or pad is reversible so that it can be used on both sides, the centre layer of waterproof keeping the other side clean, and this layer being removed when the pocketed pad is washed. The inside of the pocket is provided with loops through which the ends of the rubber sheeting are threaded, so as to hold the sheeting in place. The absorbent towel or pad with its ends secured to the buckles is then attached to the person by the buckles so that they cannot accidentally become detached and yet can be readily taken off, and another one substituted whenever required. Moreover, the elastic webbings of the belt, provide the necessary elasticity to allow movement of the body in stooping, bending or otherwise.

[Price 8d.]

Improvements in Ladies' Body Belts and Absorbent Towel Devices or the like.

The buckles lie on the front face of the depending parts of the belt, so that they do not come into contact with the wearer's body.

Dated this 26th day of July 1907.

For the Applicant:

WM. P. THOMPSON & Co.,
6 Lord Street, Liverpool.

COMPLETE SPECIFICATION.

'Improvements in Ladies' Body Belts and Absorbent Towel Devices or the like.'

I, WILLIAM ISAAC WOLF, of 87 Bedford Street, South, Liverpool in the County of Lancaster, Wholesale Clothier, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

This invention has for its object an article to be used as a ladies body belt and diaper for absorbing the discharges at certain periods usual to women, and is substantially as follows:—

The invention will be understood from the following description, reference being had to the accompanying drawings, in which:

Figure 1 is a perspective view of the body belt and diaper:

Figure 2 a perspective view of the buckle:

Figure 3 an edge view thereof.

In carrying the invention into effect, I provide a belt A which can be attached to the person by passing round the body at or below the waist, and be fastened by buttons B or otherwise. The belt at the sides is provided with elastic strips or webs C for securing resilience, and at the front and back the belt has depending parts D D¹, with elastic web pieces E E¹, also for the sake of resilience. Each depending piece has means whereby the ends of a diaper or absorbent towel or pad F can be attached. It consists of a flap piece G sewn at one edge H to the depending parts D & D¹ and at the other edge buttoned thereto, at I, so as to hold a buckle, which may consist of a pair of semicircular links J, J¹, hinged together at K. These links are of the same size and shape, but one of them has a crossbar L while the second has no crossbar, but is hinged by the eyes K on to the crossbar of the other one. Then by passing the ends of the absorbent towel or pad F under the buckles, then over one buckle J¹ and under the other J and pulling tight, a fast connection is made. Should it be desired to shorten the towel or pad, a slight pull at its end will bring same to the required length, while it is held firm against any tension the reverse way unless released by opening the buckle.

When it is desired to wash the belt, the buckles can be removed, all that is necessary being to unbutton the flaps G and the buckles are at once released.

The absorbent towel or pad is made of diaper, flannel or any other material ordinarily used, or capable of being used profitably for this kind of goods. It can be woven of various degrees of open or close texture and of any desirable form, and can be of plain cloth, flannel, diaper or the like. It can also be treated with antiseptics or otherwise as desired. It is made in the form of a pocket, the mouth M of the pocket being at one side or edge for a part of its length, extending from say M¹ to M¹. The pocket is supplied or filled with an insertion or piece of waterproof sheeting N or any like material, to prevent the discharge from soaking through or staining the outer garments of the wearer. The pocketed towel or pad F is reversible, so that it can be used on both sides, the centre layer of waterproof N keeping the other side clean, and this centre layer being removed when the pocketed pad is washed. The inside of this pocket is provided with loops O, through which the ends of the rubber sheeting are threaded, so as to hold the sheeting in place. The absorbent towel or pad F

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FIG.1.

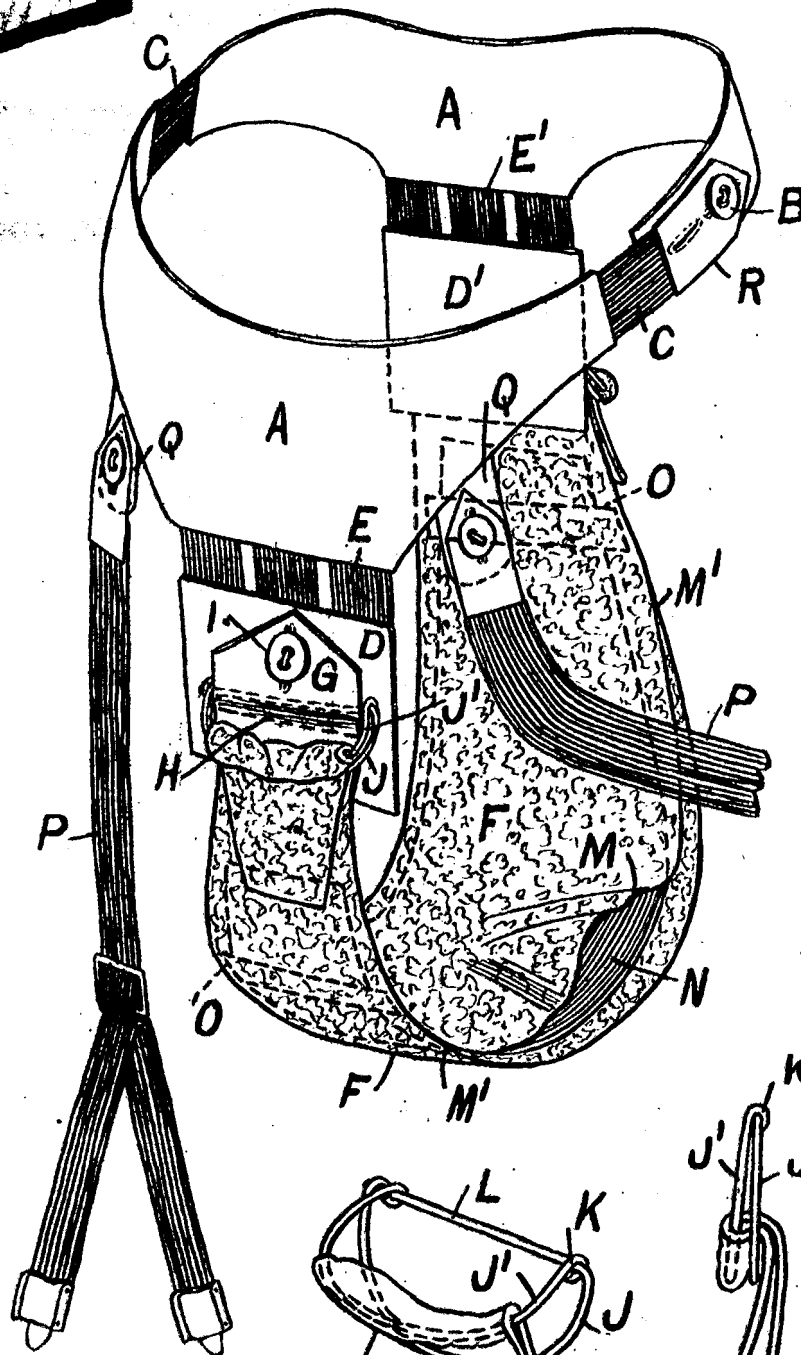


FIG.2.

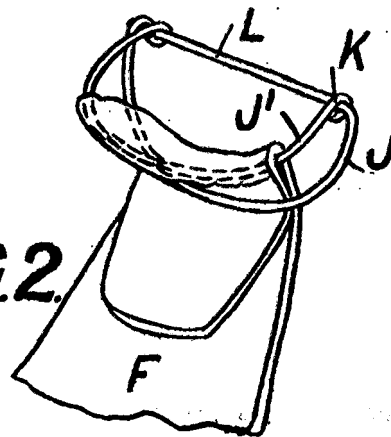


FIG.3.



Improvements in Ladies' Body Belts and Absorbent Towel Devices or the like.

with its ends secured to the buckles J, J' they being formed of strap shape for this purpose, is then attached to the person by the belt A above described, the ends of the absorbent towel or pad being secured by the buckles, so that they cannot accidentally become detached, and yet can be very readily taken off and
 5 another one substituted whenever required. Moreover the elastic webs C, E and E' of the belt provide the necessary elasticity to allow free movement of the body in stooping, bending or otherwise. P are the usual stocking suspenders, which are fastened to the belt A by buttoning to the tabs Q. These can be provided or not as desired. The overlapping end R of the belt can be made
 10 any length with several button holes to enable the girth to be varied, to suit all sizes of waists.

I am aware that devices composed of belts or waist-bands with elastic strips attached to such belts for supporting an absorbent pad are already known, but in no case that I am aware of have such devices been made with the special
 15 form of buckle herein described, nor with the flap piece G whereby the buckles can be removed, or with an absorbent pad F such as I have hereinbefore described. These features and the general arrangement of parts taken as a whole constituting my catamenial device are the features I desire to secure by letters patent.

20 Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed, I declare that what I claim is.

1. In a catamenial device formed with a body belt having depending parts back and front joined to the belt by elastic web pieces the provision of a buckle
 25 consisting of a pair of semi-circular links hinged together, whereby if the ends of the towel or pad be passed under the two links and then over one link and under the other, and the belt or pad pulled tight, a fast connection is made, while a sharp pull at either end of the towel will tighten the pad against the body, substantially as described.

30 2. In catamenial devices of the kind set forth in Claim 1, forming on each depending part of the belt, a flap piece sewn at one end to the depending part, and at the other buttoned or fastened thereto, so as to hold a buckle for fastening the ends of the towel or pad, while by unbuttoning the flaps the said buckle can be removed, substantially as described.

35 3. In catamenial devices, an absorbent towel or pad made of diaper, flannel or other suitable material, and provided with a pocket the inside of which is on one side or edge a part of its length, and the said pocket filled or supplied with an insertion or piece of waterproof sheeting, which can be inserted and removed through said mouth, the inside of the pocket being provided or not
 40 with loops through which the ends of the rubber sheeting are threaded, so as to hold the sheeting in place and shaped and arranged to be used with devices substantially as claimed in Claim 1.

4. A catamenial device consisting of the following combination, to wit, a body belt passing round the body at or below the waist, and fastened by
 45 buckles or otherwise, and provided with elastic strips or webs for securing resilience to allow free movement of the body, an absorbent towel or pad having a pocket for the reception of a waterproof insertion, and means for fastening said pad to the body belt in a resilient manner, substantially as hereinbefore described, with reference to, and shown in, the drawings annexed.

50 Dated this 12th day of October 1907.

For the Applicant:

WM. P. THOMPSON & Co.,
 6 Lord Street, Liverpool & 322 High Holborn, London,
 Chartered Patent Agents.